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Regulations on the PROD International Software Engineering Olympiad

1. General Provisions

1.1. These Regulations governing the **PROD International Software Engineering Olympiad** (hereinafter referred to as the "Regulations" and the "Olympiad", respectively) have been developed in accordance with the legislation of the Russian Federation governing the procedure for holding Olympiads for school students. The Regulations define objectives and procedures for conducting the Olympiad, its organizational and methodological support, as well as the procedure for selecting winners and finalists.

1.2. The full name of the Olympiad is the "PROD International Software Engineering Olympiad."

1.3. The aims of the Olympiad are:

1.3.1. To foster school students' interest in programming and software development.

1.3.2. To support the development of programming skills among school students.

1.3.3. To identify and support talented school students in the field of programming and software development.

1.3.4. To promote programming as an attractive and promising career among school students.

1.4. The Olympiad is organized by TBank JSC (hereinafter referred to as "T‑Bank"), T‑Education Autonomous Non-Profit Organization of Additional Professional Education (hereinafter referred to as "T‑Education"), and Central University Autonomous Non-Profit Organization of Higher Education (hereinafter referred to as "Central University"). The list of Olympiad partners is published on the Olympiad website.

1.5. The Olympiad is held annually.

1.6. Participation in the Olympiad is voluntary for citizens of the Russian Federation, foreign citizens, and stateless persons who are pursuing educational programs of basic general, secondary general, and secondary vocational education, including those pursuing basic general and secondary general education programs through family education or self-education, as well as those pursuing such programs abroad.

1.7. The official website of the Olympiad is https://prodcontest.com/ (hereinafter referred to as the "Website").

1.8. Participants may obtain consultations by email at info@prodcontest.com or via the Telegram bot https://t.me/t_prod_bot.

1.9. The financial support for the Olympiad, excluding participants' travel expenses to and from the team stage venue of the final round, is provided by the co-organizers, partners, and other sources of funding. No fee may be charged for

participation in the Olympiad.

1.10. The working languages of the Olympiad are Russian and English. Task materials for participants are provided by the organizers in both Russian and English.

1.11. During the Olympiad competitions, participants are prohibited from copying solutions or allowing others to copy their solutions, publishing or otherwise sharing task texts or solutions with third parties, or using solutions published on external resources. Participants are also prohibited from presenting as their own work any text, solution, or parts thereof obtained using artificial intelligence systems or other automated tools without having independently analyzed, verified, and understood them. The participant is responsible for the content of the submitted work and is required, upon the request of the organizers or the jury, to explain the solution process and the rationale behind the statements, methods, and conclusions contained in the work. Violation of these rules may result in disqualification and annulment of the participant's results.

1.12. All submissions are checked for plagiarism using an automated source code plagiarism detection system. If matches are found with the work of other participants, open sources, or solutions from previous years without proper justification and explanation, the participant may be disqualified and their results annulled.

2. Organizational, Methodological, and Expert Support of the Olympiad

2.1. To provide organizational and methodological support for the Olympiad, an Organizing Committee, a Methodological Commission, and a Jury are established.

2.2. The Organizing Committee performs the following functions and exercises the following powers:

- 2.2.1. Sets the dates and venues for the Olympiad rounds.
- 2.2.2. Develops the schedule of the Olympiad competitions.
- 2.2.3. Ensures the conduct of the Olympiad.
- 2.2.4. Where the Olympiad tasks include tasks requiring an oral answer, records the performance of such tasks using digital audio recording equipment.
- 2.2.5. Issues diplomas to the winners and finalists of the Olympiad.
- 2.2.6. In cases where a participant violates the rules set forth in these Regulations, prepares an official report of the violation and of the participant's failure, without a valid reason, to complete the relevant round of the Olympiad. If the Olympiad is held in person, the participant is also removed from the venue. If a violation is discovered after the completion of a round but before the final results are approved, the participant may be disqualified and their results annulled.
- 2.2.7. Compiles ranking tables of participants for each round and publishes them on the Website.
- 2.2.8. In cooperation with the Jury, determines and approves the lists of winners and finalists of each round.
- 2.2.9. Publishes the works of the winners and finalists of the Olympiad on the Website, indicating the personal data of the participants.

2.2.10. Performs other functions in accordance with these Regulations.

2.3. The Methodological Commission:

2.3.1. Develops Olympiad tasks and their requirements.

2.3.2. Develops the criteria and methodology for evaluating completed tasks.

2.3.3. Performs other functions in accordance with these Regulations.

2.4. The Jury:

2.4.1. Reviews and evaluates the results of completing the Olympiad tasks.

2.4.2. Decides on the disqualification of Olympiad participants.

2.4.3. Displays the evaluated Olympiad works.

2.4.4. Determines the minimum number of points required to participate in subsequent rounds of the Olympiad.

2.4.5. Selects the winners and finalists based on participant rankings.

2.4.6. Performs other functions in accordance with these Regulations.

2.5. The Appeals Commission is formed by the Organizing Committee from among the members of the Organizing Committee, Jury, and Methodological Commission of the Olympiad, and operates in accordance with the Olympiad's Appeals Regulations (Appendix No. 1).

2.6. The Olympiad consists of three rounds. The first and second (preliminary) rounds are held remotely; the final round is conducted in person and/or using remote technologies in accordance with these Regulations.

2.7. Members of the Organizing Committee, Methodological Commission, and Jury who, in the performance of their duties, have access to confidential information bear personal responsibility for breaches of confidentiality and for failure to take necessary precautions to protect such information from unauthorized access.

3. Participant Registration

3.1. Individuals who have completed the registration form on the Website within the timeframe set by the Organizing Committee are admitted to participate in the Olympiad.

3.2. By submitting the registration form, the participant or their legal representative (parent, guardian, etc.) consents to the processing of personal data in accordance with Federal Law No. 152-FZ of the Russian Federation "On Personal Data" dated July 27, 2006, as well as the Personal Data Processing Policy of TBank JSC, approved by the decision of the Board of Directors of TBank JSC on March 31, 2025, No. n/n; the Personal Data Processing Policy of Central University Autonomous Non-Profit Organization of Higher Education, approved by Order No. 0704.48 dated July 4, 2025; and the Personal Data Processing Policy of T-Education Autonomous Non-Profit Organization of Additional Professional Education, approved by Order No. 0816.30 dated August 16, 2024. The participant or their legal representative also consents to the processing of their personal data by the partners of the Olympiad, the list of which is published on the official Website of the Olympiad.

3.3. After registration, access to the Personal account is granted using the email address the participant provided in the registration form and the password the

participant set. Participants may not disclose this information to third parties and must retain it until the end of the Olympiad.

4. Procedure for Conducting the First (Preliminary) Round Competitions and Summarizing the Results

4.1. The first round of the Olympiad is held remotely on a testing platform (hereinafter referred to as the "Platform"). At the time specified in the schedule, the participant follows an individual link sent by the Organizing Committee to the email address provided during registration and gains access to the tasks.

4.2. The time allowed for completing the tasks is limited. Participants may determine the order in which they complete the tasks and make changes to their answers until the allotted time expires. The time allowed for completing the tasks is set jointly by the Methodological Commission of the Olympiad and the Organizing Committee.

4.3. Once the allotted time expires, the Platform automatically terminates the participant's access to the tasks. The Olympiad platform records only the answers submitted by the participant before the allotted time expired or upon early completion of the task. The participant may finish the task before the allotted time. After exiting the Platform upon completing the tasks, it is not possible to return and revise the answers given.

4.4. If the closing date and time of the round are reached while a participant is still taking the test, the test shall end automatically.

4.5. Each participant may take part in the competition only once. If multiple attempts are detected, the Organizing Committee reserves the right to disqualify the participant and annul their results.

4.6. In the event of a technical failure, participants may re-enter the Olympiad platform if the time allotted for completing the task has not yet expired.

4.7. In the event of a technical failure that prevents a participant from participating in the competition through no fault of their own, the participant may submit a written request to the Organizing Committee at info@prodcontest.com or via the Telegram bot https://t.me/t_prod_bot within three hours after the competition ends. The request must provide a detailed description of the incident and include supporting evidence, such as screenshots displaying the error message or other evidence confirming the failure (such as a certificate confirming a temporary outage on the part of the internet service provider, a temporary power outage, etc.). The Organizing Committee reserves the right to either allow the participant to retake the competition or to reject the request.

4.8. The works submitted by participants in the first (preliminary) round are evaluated automatically. The points awarded by the automatic evaluation system are technical in nature and may be adjusted if technical errors are detected.

4.9. No later than 10 (ten) working days after the end of the first (preliminary) round, participants will receive, at the email address provided at registration, their technical scores for the first (preliminary) round tasks and the correct answers to the version of the tasks they completed. An Olympiad participant has the right to review their work and the Jury's assessment and to file an appeal

against the results of the first (preliminary) round in accordance with the Regulations on Appeals of the Olympiad.

4.10. The total number of winners and finalists of the first (preliminary) round of the Olympiad must not exceed 45 percent of the total number of actual participants in this round.

5. Procedure for Conducting the Second (Preliminary) Round Competitions and Summarizing the Results

5.1. The second (preliminary) round of the Olympiad is held on the Platform and consists of writing project code, which is checked using automated testing system and videoconferencing tools. Information on the dates and times when access to the tasks opens and closes (hereinafter the ”Schedule”) shall be published on the Website no later than two weeks before the start of the second (preliminary) round. Participants access their tasks through their Personal account.

5.2. The following participants are eligible to take part in the second (preliminary) round:

5.2.1. Winners and finalists of the first (preliminary) round of the Olympiad.

5.2.2. Participants who scored the required number of points to advance to the final round of the Olympiad in the previous academic year, provided that they continue their studies at organizations offering basic general and secondary general education programs, or through family education or self-education.

5.2.3. Winners and finalists of hackathons held as part of the PROD International Software Engineering Olympiad during the calendar year corresponding to the first half of the academic year in which the Olympiad takes place.

5.2.4. Participants of other categories determined by the Organizing Committee.

5.3. No later than 10 (ten) business days after the completion of the second (preliminary) round, participants will receive, at the email address provided at registration, their technical scores based on the automated test results. An Olympiad participant has the right to review their work and the Jury’s assessment and to file an appeal against the results in accordance with the Regulations on Appeals of the Olympiad.

5.4. Based on the automated test results of participants’ projects, the Jury sets the passing score for advancing to the project defense round, which is conducted via video conferencing.

5.5. Up to 600 participants of the second (preliminary) round of the Olympiad may be invited to the online project defenses.

5.6. When the passing score for the online project defenses is published, participants are sent a survey to select the date and time of their defense. For participants who do not complete the survey by the deadline set by the Organizing Committee, no defense date and time will be assigned. The Organizing Committee reserves the right to deny a participant’s request for a reserve defense time slot.

5.7. No later than 10 (ten) working days after the end of the online defenses of the second (preliminary) round, participants who took part in the defenses will receive their technical scores at the email address provided at registration. An Olympiad participant has the right to review the Jury's assessment and to file an appeal against the results in accordance with the Regulations on Appeals of the Olympiad.

5.8. Upon completion of the project defenses and appeal reviews, a final ranking table is compiled.

5.9. The Jury compiles the ranking table of Olympiad participants in accordance with the evaluation rules and criteria of the second preliminary round. The rules and evaluation criteria are published at the start of the round.

5.10. The total number of winners and finalists of the second (preliminary) round of the Olympiad must not exceed 45 percent of the total number of actual participants in this round.

6. Procedure for Conducting the Final Round of the Olympiad

6.1. The final round of the Olympiad consists of two parts:

6.1.1. Individual Stage: participants complete Olympiad tasks in the field of software development. The round is held on an online platform, and the work is assessed through an in-person project defense before the Jury.

6.1.2. Team Stage: team members give in-person oral presentations of the software projects they have developed.

6.2. The following individuals are eligible to participate in the final round:

- 6.2.1. Winners and finalists of the second (preliminary) round of the Olympiad.
- 6.2.2. Winners and finalists of the Olympiad from the previous academic year, provided that they continue their studies at organizations offering basic general and secondary general education programs, or through family education or self-education.
- 6.2.3. Participants of other events as determined by the Organizing Committee.

6.3. For participants admitted to the final round, the Organizing Committee shall, no later than 7 (seven) business days after the publication of the list of winners and finalists of the second (preliminary) round, send to the email address specified during registration the information regarding the format, requirements, duration, dates, times, and venues of the final round, as well as the list of documents required for participation.

6.4. Participants shall confirm their participation in the final round of the Olympiad in the form established by the Organizing Committee and within the timeframe specified in the mailing. A participant who submits false data and/or copies of documents, or submits data and/or copies of documents late, may be refused admission to the final round.

6.5. If a participant has confirmed their participation in the final round but later decides to withdraw, they must notify the Organizing Committee of this decision by sending written notice to info@prodcontest.com or via the Telegram bot

https://t.me/t_prod_bot. Once submitted, this decision is final, and further participation in the final round will not be permitted.

6.6. An accompanying person for a participant who is a foreign citizen is an individual aged 18 or older who accompanies one or more Olympiad participants from their country, represents an educational organization, and is responsible for the participants' life and health. Each country may have only one accompanying person.

6.7. If the Jury has additional questions regarding a participant's submitted solution for the individual stage, the Jury may invite the participant to an individual interview during the final round. Based on the results of the interview, the participant's score for the individual stage may be adjusted.

6.8. To participate in the team stage of the final round, each participant must complete in-person registration at the round venue and provide the set of documents specified in the notification. Failure to provide the full set of documents may result in denial of admission to the team stage of the final round.

6.9. A participant who fails to appear at the venue of the team stage of the final round, including due to illness, shall receive 0 (zero) points for the stage.

6.10. If a participant has arrived at the venue and begun the competition but cannot continue in person for medical reasons, the Organizing Committee may decide to allow the participant to continue remotely, using technologies that, via real-time video conferencing, verify the identity of the round participants and monitor their compliance with the rules of the Olympiad.

6.11. The specific task and evaluation criteria for the team stage of the final round shall be published within the timeframe set by the Organizing Committee. A project presentation consists of a presentation by the team, questions from the Jury, and answers from the participants. The time allotted for the defense is limited and shall be published by the Organizing Committee no later than 2 (two) business days before the start of the defenses. The project must be presented by the entire team. Video and audio materials may be used as supplementary materials during the presentation. Participants are solely responsible for the proper playback of video and audio content. Showing video or audio without an oral presentation is not permitted.

6.12. Any presentations, links to program code, video, audio and other materials needed to assess the solution must be submitted by the participants no later than the deadline set by the Organizing Committee. If materials are submitted after the deadline, participants shall present without them.

6.13. During the final round of the Olympiad, participants are strictly prohibited from publishing the tasks or solutions of the individual or team stages of the final round. If such publication is detected, the participant shall be disqualified, and their individual results annulled.

7. Procedure for Forming Teams and Preparing for the Team Stage of the Final Round

7.1. Participants independently form teams to take part in the team stage of the final round of the Olympiad. Each team must consist of 3 (three) to 5 (five) members.

7.2. If a participant is unable to find a team, the Organizing Committee shall help such participant join an existing team or form a new one. Individual (non-team) participation in the project stage of the final round is not permitted.

7.3. Once team compositions have been approved, teams may not merge and/or change their membership.

7.4. When forming a team, one of its members shall enter the details of each team member and the team name in their Personal account within the timeframe set by the Organizing Committee. The team name may not be changed.

7.5. Each team is assigned a mentor[1].

7.6. Each team may choose its own name. The team name must not exceed 45 characters. It must comply with the law, be pleasant-sounding and easy to pronounce, and must not evoke negative associations. Profanity may not be used in team names.

7.7. As part of preparation for the team stage of the final round, teams develop a project (hereinafter referred to as the "Project").

7.8. While preparing the Project, participants must work with their mentors and collaborate as a team, and each participant must make a significant contribution to the development of the Project.

8. Procedure for Determining Winners and Finalists

8.1. The results of the Olympiad are determined based on the individual scores achieved in the final round.

8.2. Winners and finalists of each round are determined during a joint meeting of the Organizing Committee and the Jury, based on the total points obtained by participants for that round. The Organizing Committee publishes the lists of winners and finalists on the Olympiad website.

8.3. After the assessment of the team stage of the final round is completed, the Jury, taking into account the results of appeals concerning the individual stage, compiles a ranking table of the individual results of Olympiad participants based on an equally weighted sum of the scores each participant obtained for the Olympiad tasks of both stages (0.5 × individual stage score + 0.5 × team stage score).

8.4. The results of the Olympiad are determined based on the individual scores achieved in the final round. Olympiad participants who score less than 50% of the maximum possible points cannot be recognized as winners or finalists of the Olympiad.

8.5. Winners and finalists are determined based on the results of the final round. The number of winners must not exceed 8% of the total actual number of participants in the final round. The total number of winners and finalists of the final round must not exceed 25% of the total actual number of participants in the final round of the Olympiad.

8.6. Winners of the Olympiad are awarded winner diplomas (First-Degree Diplomas), while finalists are awarded finalists diplomas (Second-Degree and Third-Degree Diplomas).

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[1] Mentor is a coach assigned to a finalist team of the Olympiad, who provides guidance on the project, as well as on the technologies and software development methods used.

8.7. Winners and finalists of the final round are recognized as winners and finalists of the Olympiad.

8.8. Based on comments and suggestions received by the Organizing Committee within three days after the publication of the works of participants included in the lists of winners and finalists of the Olympiad, the Organizing Committee may, within 8 (eight) calendar days after publication, amend the ranking table of the results of final-round participants and the previously approved lists of winners and finalists of the Olympiad in order to correct technical errors identified.

Appendix 1
to the
Regulations of the PROD
International Software
Engineering Olympiad

Regulations on Appeals
of the PROD International Software Engineering Olympiad

1. General Provisions

1.1. These Regulations on Appeals of the PROD International Software Engineering Olympiad have been developed in accordance with the Regulations and define the procedure for submitting and reviewing appeals regarding the participants' results in the Olympiad competitions.

1.2. The purpose of reviewing appeals is to ensure that uniform requirements are applied in evaluating completed Olympiad tasks, to resolve disputed matters, and to protect the rights of participants in the PROD International Software Engineering Olympiad.

1.3. An appeal may be submitted only regarding the results of the following:

1.3.1. The first (preliminary) and the second (preliminary) rounds.

1.3.2. The individual stage of the final round.

1.4. Any participant of the respective round of the Olympiad may submit an appeal in case of disagreement with the awarded score.

1.5. An appeal is a application submitted by the participant electronically in the prescribed form. The application must clearly state the subject of the appeal (the specific question, task, or section of the completed Olympiad task) and include a well-reasoned justification of the participant's

disagreement with the awarded points, with reference to the published criteria which, in the participant's opinion, were not properly applied. When presenting arguments, the participant must refer only to the content of their own submitted work.

1.6. Appeals concerning the content, structure or assessment system of the Olympiad tasks, or the sanctions imposed on Olympiad participants who have violated the rules of participation, shall not be considered.

1.7. Drafts of completed Olympiad tasks are not accepted or considered as appeal materials.

1.8. Decisions of the Appeals Commission are final and not subject to further review; repeated appeals are not permitted.

1.9. Appeals are reviewed remotely, in accordance with the procedure established by the Organizing Committee.

2. Procedure for Submitting and Reviewing Appeals

2.1. Simultaneously with the publication of the participants' results, the Organizing Committee posts information on the Platform regarding the time and format of the works demonstration and the appeal process.

2.2. A participant has the right to submit an appeal regarding the results of the first (preliminary) and second (preliminary) rounds within 24 hours after the publication of their technical points.

2.3. A participant has the right to submit an appeal regarding the results of the individual stage of the final round within 10 hours after the publication of their technical scores on the Platform.

2.4. Once given access to view the assessment results, an Olympiad participant may file an appeal electronically in accordance with the instructions published on the Olympiad website. Before submitting the completed appeal form, the participant shall confirm that they have read the Regulations on Appeals of the Olympiad. Once submitted, the text of the appeal cannot be modified or supplemented.

2.5. Based on the results of the review, the Appeals Commission has the right to:

- Reject the participant's appeal and confirm the awarded points.
- Uphold the participant's appeal and increase the points after re-evaluation of the completed task.
- Uphold the participant's appeal and decrease the points after re-evaluation of the completed task.

2.6. The correct answers to tasks and the points awarded may be adjusted if technical errors are identified as a result of participants' appeals.

2.7. Upon completion of the review of all appeals, the Organizing Committee sends the participants their final score for the round to the email provided during registration.